



MICRO-SCHOOL

NITheCS

National Institute for
Theoretical and Computational Sciences

Introduction to Note Taking with Obsidian

Dean Brand (Stellenbosch University)

Fri, 16 May 2025 | 12h00-12h30 SAST

Attend online

ABSTRACT

During this micro-school, we will explore Obsidian, a powerful and flexible note taking tool designed to help you organise and connect your scientific knowledge. Obsidian enables you to build a personal knowledge base using plain text Markdown notes, with intuitive linking and visualisation features that make complex topics easier to manage. I will provide an overview of Obsidian's core features, including note creation, internal linking, graph view, and effective organisation strategies tailored for science students. Through a live demonstration, I'll guide you step-by-step through installing Obsidian, setting up your first vault, and creating your initial notes. By the end of this session, you'll be equipped to start capturing and connecting your ideas with Obsidian right away.

BIOGRAPHY



Dean is a third-year PhD student in the Quantum Research Group of Stellenbosch University, under the supervision of Prof Francesco Petruccione. His research focuses on the intersection of quantum computing and neuromorphic computing, to find groundbreaking hybridisation of these technologies. Dean completed his BSc and BSc Honours at the University of the Witwatersrand, majoring in astronomy, astrophysics, and theoretical physics. After this he completed his MSc with Prof Petruccione and Prof Ilya Sinayskiy (University of KwaZulu-Natal), which was based on an application of Open Quantum Systems techniques to model quantum phenomena in IBM quantum computers. His research interests have since evolved to include machine learning and quantum algorithms, which are central to the idea and aims of quantum neuromorphic computing, especially for applications such as artificial intelligence and deep learning.

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